Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 04 Sep 2023 until 23:59 on Tuesday 05 Sep 2023

Forecast Issued on Sunday 03 Sep 2023 at 15:38

Confidence: High confidence for dry and increasingly warm weather in the coming days. Moderate for morning mist, fog and low cloud extent and duration.

Headline for Monday 04 Sep 2023: Fine, dry and warm.

Mountain weather hazards on Monday 04 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Monday 04 Sep 2023

Weather: A few early mist and fog patches in valleys at first, but these very quickly clearing to leave another sunny and very warm day with light winds.

Chance of cloud-free hill tops above 600m: 99%.

Low Cloud and visibility: Perhaps poor in valleys locally, with mist and a few fog patches early morning, otherwise very good visibility all around with clear views at all heights.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 04 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 S	9/13 S	8/13 S	10/13 S	9/14 SW	8/11 SW	5/6 S	4/7 SE	4/9 E
300	1/7 S	1/8 SE	2/7 SE	4/8 SE	7/13 SW	6/10 SW	2/5 SW	4/6 E	5/7 E
Valley	2/5 E	2/5 E	3/7 E	2/6 SW	6/11 SW	4/8 SW	3/4 N	5/9 E	6/12 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/12	14/12	14/12	16/14	18/17	20/19	19/19	17/17	15/15
300	8/8	9/8	11/11	18/18	22/21	23/23	20/21	16/16	15/15
Valley	13/12	13/13	14/14	19/20	23/23	24/25	22/23	18/18	17/17
Freezing Level*	2600m	2500m	2600m	2700m	2700m	2900m	3200m	3400m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day likely on the hills, but with moderate to high UV levels sun protection and adequate hydration are will be needed.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 03 Sep 2023	0mm	0mm	1.4mm

Forecast for Tuesday 05 Sep 2023

Weather: Another fine day expected. Still very warm but strengthening easterly winds will take the edge off the temperatures.

Maximum wind: Easterly 15-20mph gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 95%.

Low Cloud and visibility: Perhaps some very isolated mist and low cloud patches in the east to start but generally clear with good visibility at all levels.

Temperature: **Valleys:** Plus 13 Celsius increasing to 22 Celsius.
At 600m: Plus 14 Celsius increasing to 19 Celsius.
Freezing level: Above summits.

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